APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

Effect of Advance Exposures on the Sensitivity of the UV-2T Film to Shortwave Ultraviolet Radiation, by M. R. Shpol'skiy, M. F. Razorenova. RUSSIAN, par, Kosmicheskiye Issledovaniya, Vol 7, No 3, 1969, pp 441-444.
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Results of Determining the Dynamics of the Venus Atmosphere from Results of Measuring the Radial Velocity of the "Venera-4".
By V. V. Kerzhanovich, V. M. Gotlib
RUSSIAN, per, Kosm. Issled, vol 7 no. 4, 1969, pp. 592-596.
CIA X--7114
NTC 70-10613-04A

Nov 69

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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On the Possibility of Determining the Type of Lunar Rock by a Mass Spectrometer Method.
By A. F. Kuz'min, A. E. Rafal'son
RUSSIAN,per,Kosmich Issled., Vol, 7, No. 4, 1969, pp. 618-619
CIA X-7116
NTC 70-10614-03B

Nov 69

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

On the Possibility and Advantages of a Mass Spectrometer Analysis of Materials of the Lunar Ground by the Ionic Component of Evaporation Products of the Ground by an Electron Beam.

By A. F. Kuz'min, N. A. Kholin

RUSSIAN, per, Kosmich. Issled., Vol 7, No, 4, 1969, pp. 620-622

CIA X-7115

NTC 70-11163-03B

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

AGENCY: NRA R-11178-D
P.O. NO.: IACRO DASA EO 809-69 22 Dec. 69

TITLE: PROLONGED DISTURBANCES OF THE IONOSPHERE DUE TO THE ACTION OF HIGH ALTITUDE THERMONUCLEAR EXPLOSIONS

AUTHOR: V.I. CHERKAS

SOURCE: Kosmicheskie Issledovaniia, vol. 7, May-June 1969, p. 429-435

LANGUAGE: RUSSIAN

INSTRUCTIONS: PLEASE TRANSLATE & TYPE 1 COPY.

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

N71-11903* Scientific Translation Service, Santa Barbara, Calif.
TEST OF A SUPERCONDUCTIVE MAGNETIC SYSTEM WITH A FIELD OF H APPROXIMATELY EQUAL TO 20 kOe ON BOARD A SATELLITE [ISPYTANIYE SVERKHPROVODYASHCHEY MAGNITNOY SISTEMY S POLEM H PRIBLIZ 20 KE NA BORTU ISKUSSTVENNOGO SPUTNIKA ZEMLI]
O. P. Arushkin et al. Washington, NASA, Nov. 1970. 16 p. refs. Transl. into ENGLISH from Kosm. Issled. (USSR), v. 7, Sep.-Oct. 1969, p. 786-793.
(Contract NASw-2035)
(NASA-TT-F-13402) Avail: NTIS CSCL 20C

NTC 70-12382-12F

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Investigation of Meteoric Material on Space Vehicles by Using Luminescent Transducers, by T. N. Nazarova, A. K. Rybakov, RUSSIAN, per, Kosmich. Issled. Vol. 7, No. 5, 1969, pp. 795-797.
CIA X 7181

NTC 70-12349-03B

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On the Computation of Artificial Gravitation for Inhabited Space Craft Compartments, by A. M. Genin
RUSSIAN, per. Kosmich. Issled. Vol. 7, No. 5, 1969, pp. 797-799
CIA X 7182
NTC 70-12350-22A

Jan 70 401,284

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

AGENCY: NRA
P.O. NO.: XXX IACRO DASA EO 809-69 R-11176-D
22 Dec. 69

Title: EFFECT OF THE AMERICAN "STARFISH" EXPLOSION ON THE STATE OF THE IONOSPHERE ACCORDING TO OBSERVATIONS IN CENTRAL KAZAKHSTAN (VLIIANIE AMERIKAN-SKOGO VZRYVA "STARFISH" NA SOSTOIANIE IONOSFERY PO NABLIUDENIIAM V TSENTRAL NOM KAZAKHSTANE).

Author: Iu. G. Erokhin & O.I. Larionenko

Source: Kosmischeskie Issledovaniia, vol. 7, July-Aug. 69, pp. 580-583, (in Russian)

Language: Russian

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

AGENCY: NRA
P.O. NO.: IACRO NASA HQ 69-69

N-1177-D
22 Dec. 69

Title: DECREASE IN THE ELECTRON DENSITY OF THE F2 REGION AFTER THE AMERICAN HIGH ALTITUDE EXPLOSION OF JULY 9, 1962
Author: S.I. Kozlov
Source: Kosmicheskie Issledovaniia, vol. 7, July-Aug. 1969, p. 584-591.

Language: Russian
Instructions: Translate & type 1 copy.

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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From Observations on the "Cosmos-163",
by V. P. Konstantinov, M. M. Bredov, 9 pp.
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no. 6, 1969, pp.911-917.
CIA X-7222

May 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

Investigation of Geoactive Corpuscles and Photo-Electrons on the "KOSMOS-261", by A. D. Bolyunova.
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NTC-71-10774-04A
CIA X7346 - 6 pp.

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Experimental Demonstration of the Existence of a Hydrogen Ion Flux in the Exosphere, by A. P. Yaichnikov, RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 8, No 1, 1970, pp 151-156.
NTC 72-10691-03B
Nasa TT F 13, 802 8 pp

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Methods of Determining Artificial Earth Satellite Orientation by Telemetry Measurements, by E.K. Lavrovskiy, 13 pp. RUSSIAN, per, Kosmich. Issled. vol 8, no. 2, 1970, pp. 218-228.
CIA X-7253

June 70

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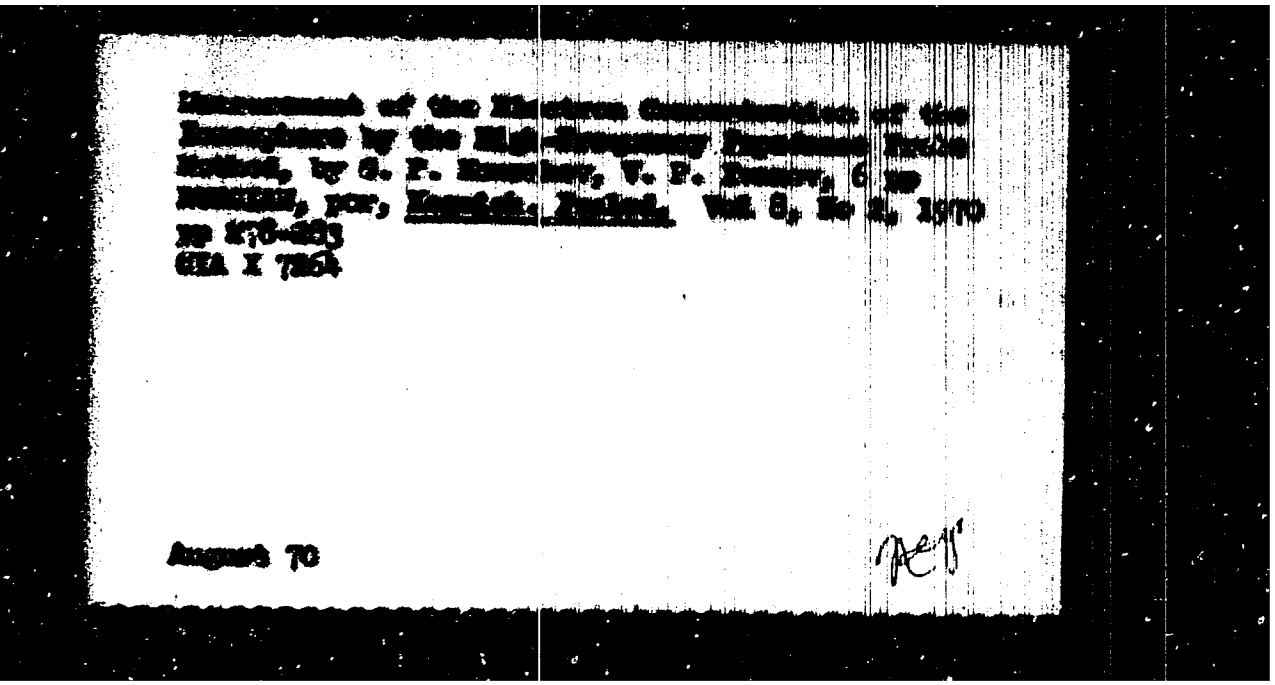
APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6



August 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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NTC-71-10164-04A
CIA x 7341

Nov 71

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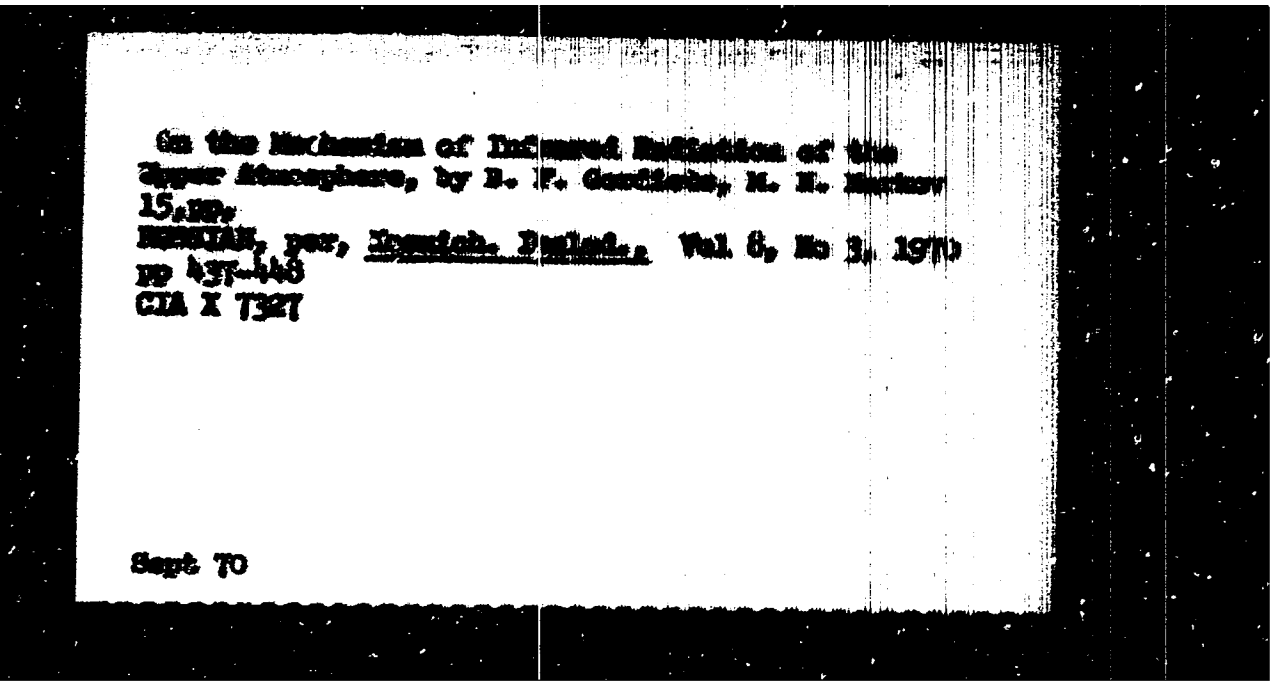

On the Mechanism of Infrared Radiation of the Upper Atmosphere, by B. F. Gavrilov, M. M. Markov
15 pp.
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NTC-71-10163-04A
CIA X 7340

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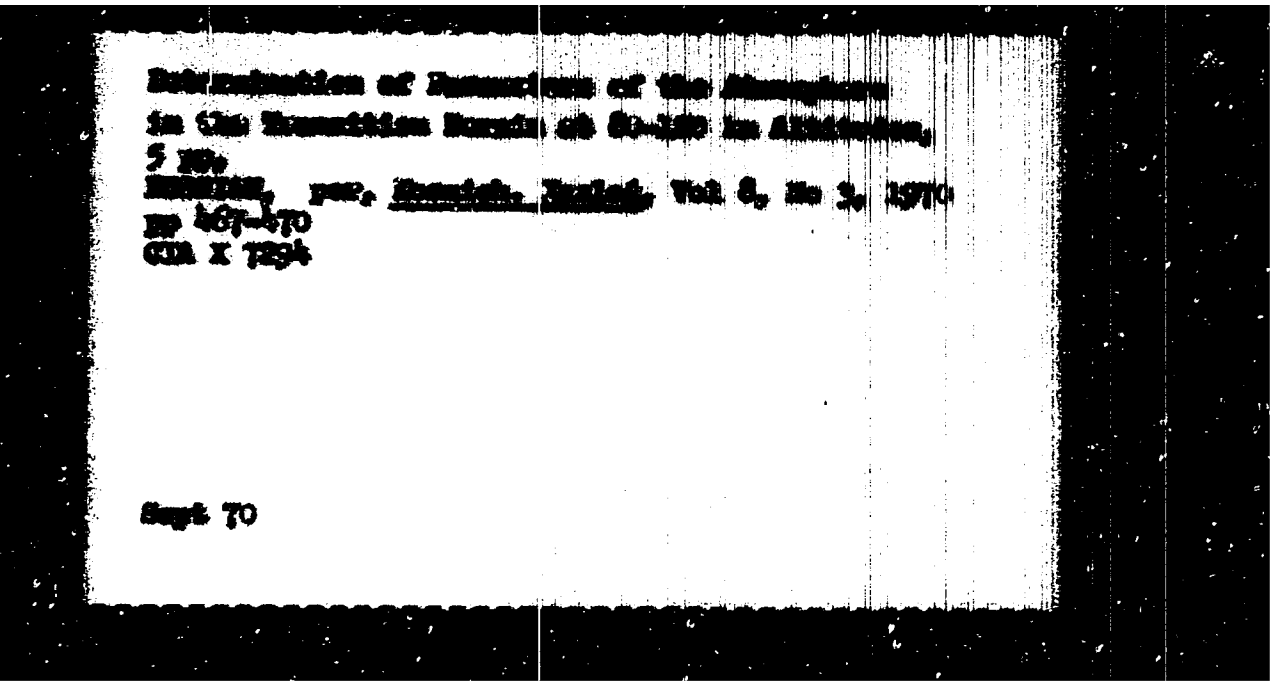
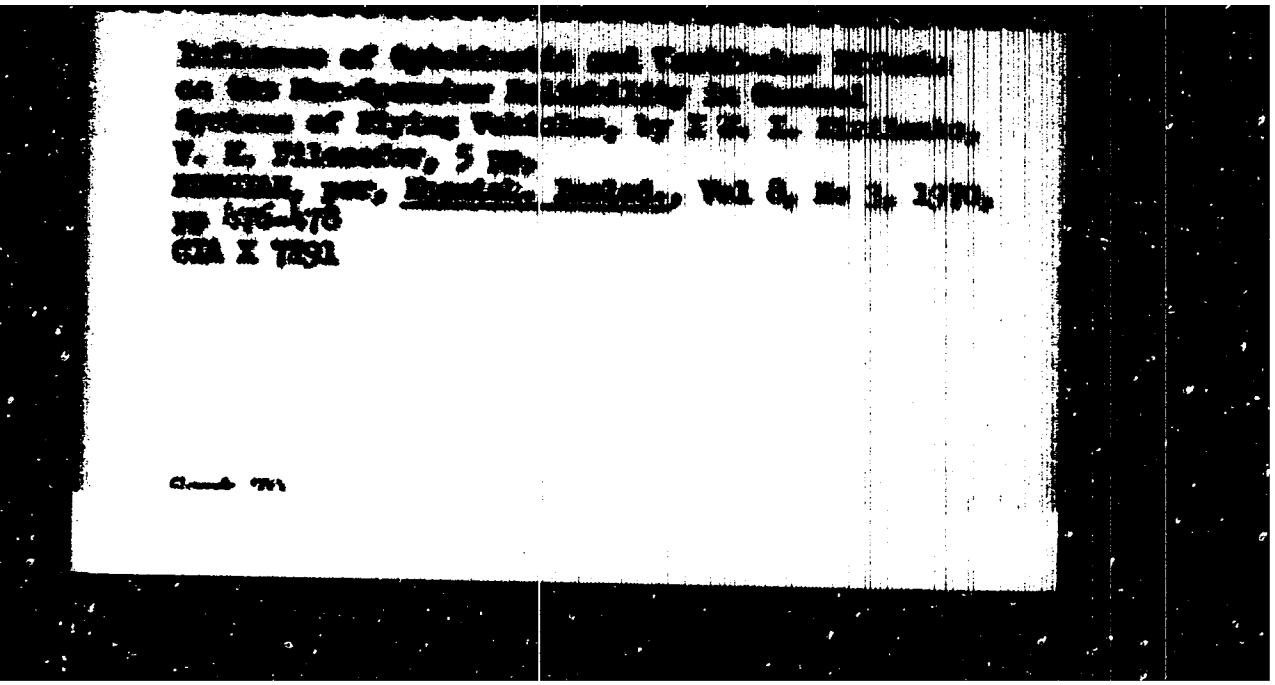
APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6



Sept 70

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6



APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Model of Variations in the Density of the Earth's Atmosphere at Altitudes of 30 - 80 KM, by Yu. G. Sikharulidze and M. A. Buruzova.
RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol 8, No 4, 1970, pp 526-534.
NASA TT F 13,854

Feb 72

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RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 8, No 4, 1970, pp 557-562.
NTC-71-11864-04A
CIA X 7375

Nov 71

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Velocity of Ordered Ion Motion in the Ionosphere at 600 km Altitude. Part II. Experimental Results, by V. N. Ponomarev.
RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 8, No 4, 1970, pp 565-570.
NTC-71-11860-04A
CIA X 7578

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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NTC-71-12354-20N
CIA X 7382 - 8 pp
Nasa TT F-13413 - 13 pp

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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by A. N. Vinogradov.
RUSSIAN, per. Kosmicheskiye Issledovaniya.
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RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 8, No 4, 1970, pp 603-608.
NTC-71-12353-03A

CIA X 7579 - 17pp

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Some Questions on the Accuracy of the Ion Method of Orientation, by I. G. Ioffe.
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NTC-71-11863-22B
CIAX 7376

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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NTC 71-12746-03B

CIA X 7395 10 pp

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

Stellar Component of the Sky Background in the Far Ultraviolet Spectrum Range, by A.S. Smirnov.
RUSSIAN, per, Kosmicheskie Issledovaniya, vol. 8, no. 5, 1970, pp. 750-757,
NTC 71-12746-03B
C.11 X 7394 10 pp

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Method of Determining Errors in Constructing the Local Vertical on Board a Space Vehicle Because of Latitudinal Nonuniformity in the Earth's Radiation, by A.V. Pavlov.
RUSSIAN, per, Kosmicheskie Issledovaniya, vol. 8, no. 5, 1970, pp. 770-776.
NTC 71-12747-22A
CIA X 7396 7pp

July 71

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

On the Geography of Infrared Radiation Layers in the Upper Atmosphere. From Data on the Kosmos-65, by M. N. Markov.
RUSSIAN, per, Kosmicheskie Issledovaniya,
Vol 8, No 6, 1970, pp 904-914.
NTC-71-14923-04A
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Feb 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Gamma Ray Investigation on the Kosmos-135,
by B. P. Konstantinov.
RUSSIAN, per, Kosmicheskie Issledovaniya,
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NTC-71-14922-04A
CIA X 7455

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Investigation of Annihilation Gamma Radiation Variations on the "Kosmos-135" in Connection With Possible Anti-Matter Meteor Streams, by
B. P. Konstantinov, 10 pp.
RUSSIAN, per, Kosmich Issled, Vol 8, No 6, 1970, pp 931-938.
X-7471

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Dynamics of an Orientation System with Spatial
Lead, by E. V. Gauchus and G. Ya. Ledenev.
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NTC 71-14488-22A

Feb 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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The Kinetics of Ions in Night D Region of the Ionosphere, by S. I. Kozlov.
RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol 9, No 1, 1971.
*FSTC-HT-23-0724-72

Nov 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

The Hydroxyl Radiation Problem and Ways to Solve it, by V. I. Krasovskiy.
RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol. 9, No 1, 1971, pp 54-65.
NASA TT F-13,862

FTC 72-16096-04A

Mar 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

Investigation of the Atmosphere by Means of the Intrinsic Radio-Thermal Emission on the Kosmos-243, by A. M. Obukhov, 8 pp.
RUSSIAN, per, Kosmich Issled, Vol 9, No 1, 1971, pp 66-73.
X-7479
NTC-71-16155-04A

August 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Night Glow of the Atmosphere in the 1304 A Oxygen Line at Low Geomagnetic Latitudes, by Ye. K. Sheffer, 8 pp.
RUSSIAN, per, Kosm. Issled, Vol 9, No 1, 1971, pp 74-80.
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Sept 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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On the Nature of the Radiation Background at 250-500 km Altitudes, by
L. V. Kurnosova.
RUSSIAN, per, Kosmicheskie Issledovaniya,
Vol 9, No 1, 1971, pp 105-115.
NTC 72-10797-04A

May 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Detection of the Polarization of X-radiation of Solar Flares, by I. P. Tindo, 7 pp. RUSSIAN, per, Kosmich Issled, Vol 9, No 1, 1971, pp 116-122.
X-7496

* NTC/CTO-792
NTC 72-10368-04A

Oct 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

On Installation of Manometer Apparatus on an Oriented Satellite, by V. A. Shabokhin, RUSSIAN, per, Kosmicheskie Issledovaniya, Vol 9, No 1, 1971, pp 151-152, NTC-71-16158-22B

Feb 72

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APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

Investigation of the Ultraviolet Glow of the Atmosphere at the 1304 Oxygen Line Performed on the "Cosmos-215" Satellite, by Ye. K. Sheffer, 8 pp. RUSSIAN, per, Kosmich Issled. Vol 9, No 2, 1971, pp 260-267.
X-7491

Sept 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

Numerical Modeling of Heat Transfer by Radiation and Convection in the Venusian Atmosphere, by V. S. Avduyeskiy, F. S. Zavelevich.
RUSSIAN, per, Kosmicheskiy Issledovaniya,
Vol 9, No 2, 1971, pp 280-291.
NASA TT F 13,869

FTC 72-14967-038

Feb 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

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Experimental Evidence for the existence of streams of the ions H(+), He(+), and O(+) in the exosphere, by A. P. Yaichnikov. 6 pp.
Russian, per, Kosmich. Issled. Akad. Nauk SSSR, Vol. 9, No 2, 1971, pp 307-309.
NASA TT F 13,867

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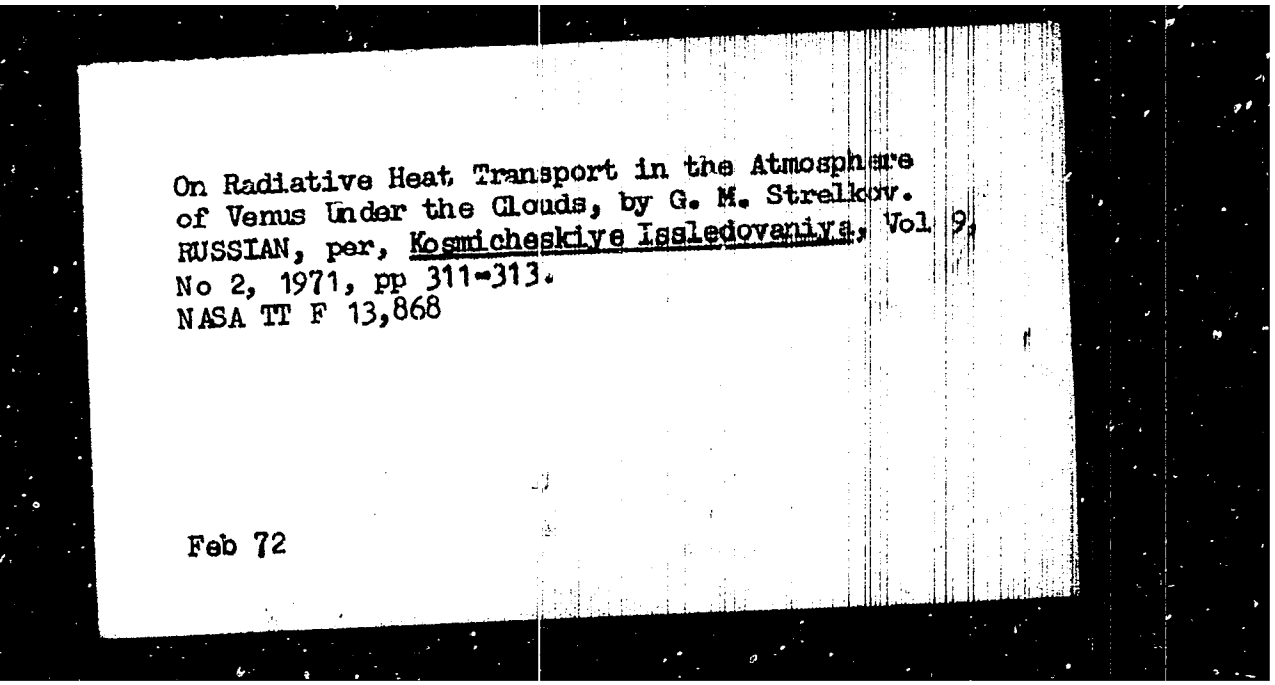
APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

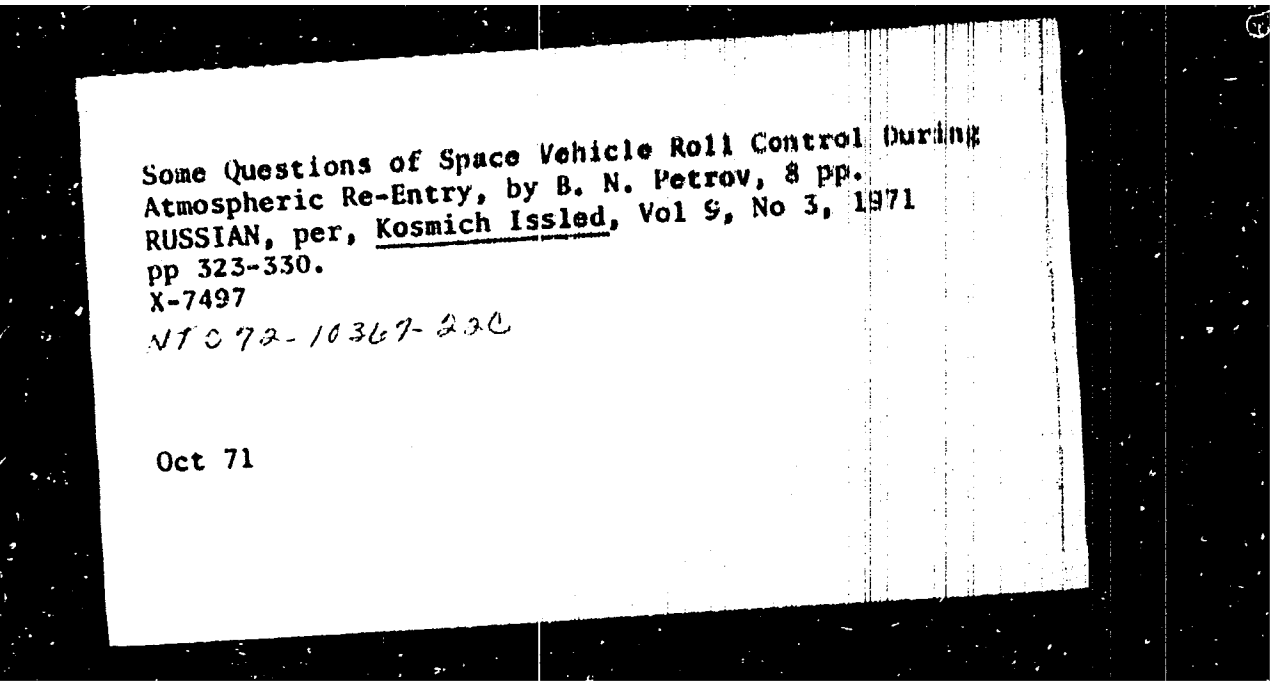


On Radiative Heat Transport in the Atmosphere of Venus Under the Clouds, by G. M. Strelkov. RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol 9, No 2, 1971, pp 311-313.
NASA TT F 13,868

Feb 72

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6



Some Questions of Space Vehicle Roll Control During Atmospheric Re-Entry, by B. N. Petrov, 8 pp.
RUSSIAN, per, Kosmich Issled, Vol 9, No 3, 1971
pp 323-330.
X-7497
NTC 72-10367-22C

Oct 71

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

APPROVED FOR RELEASE: Wednesday, May 22, 2002 CIA-RDP91-00772R000100130025-6

Investigation of the Process of Maintaining Space Vehicle Orientation, by V. D. Nikolayev,
11 pp.
RUSSIAN, per, Kosmich Issled, Vol 9, No 3, 1971, pp 382-391.
X-7498
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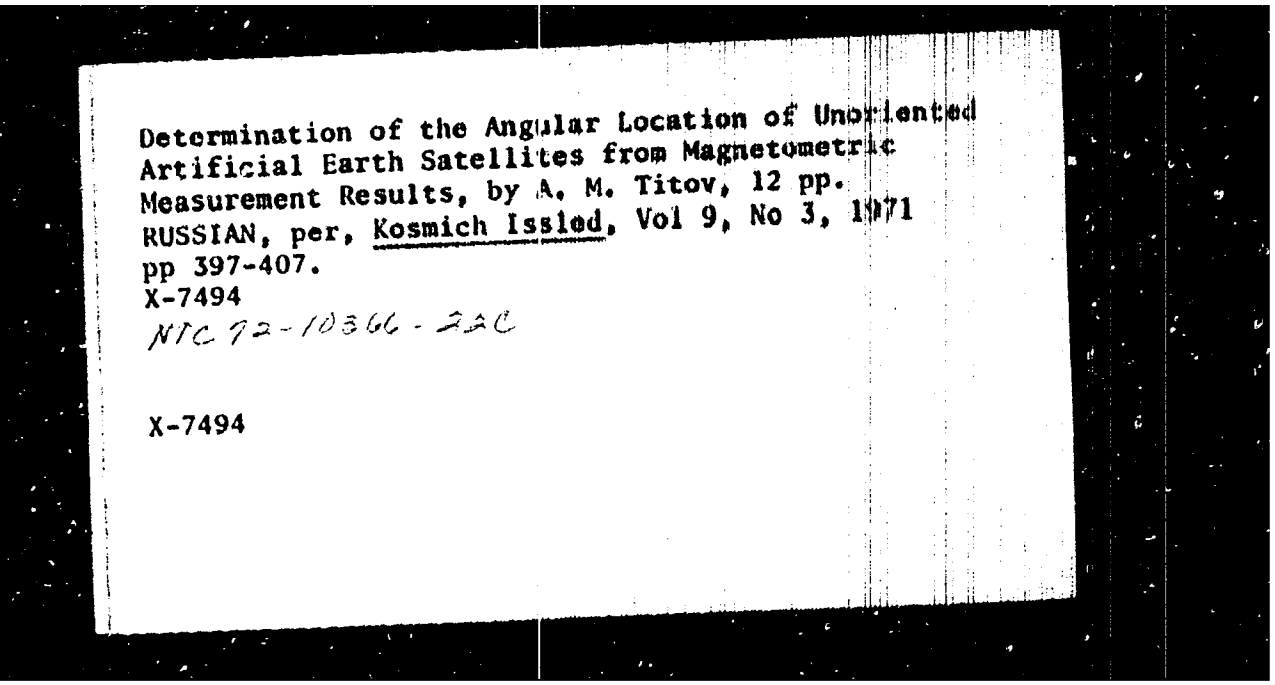

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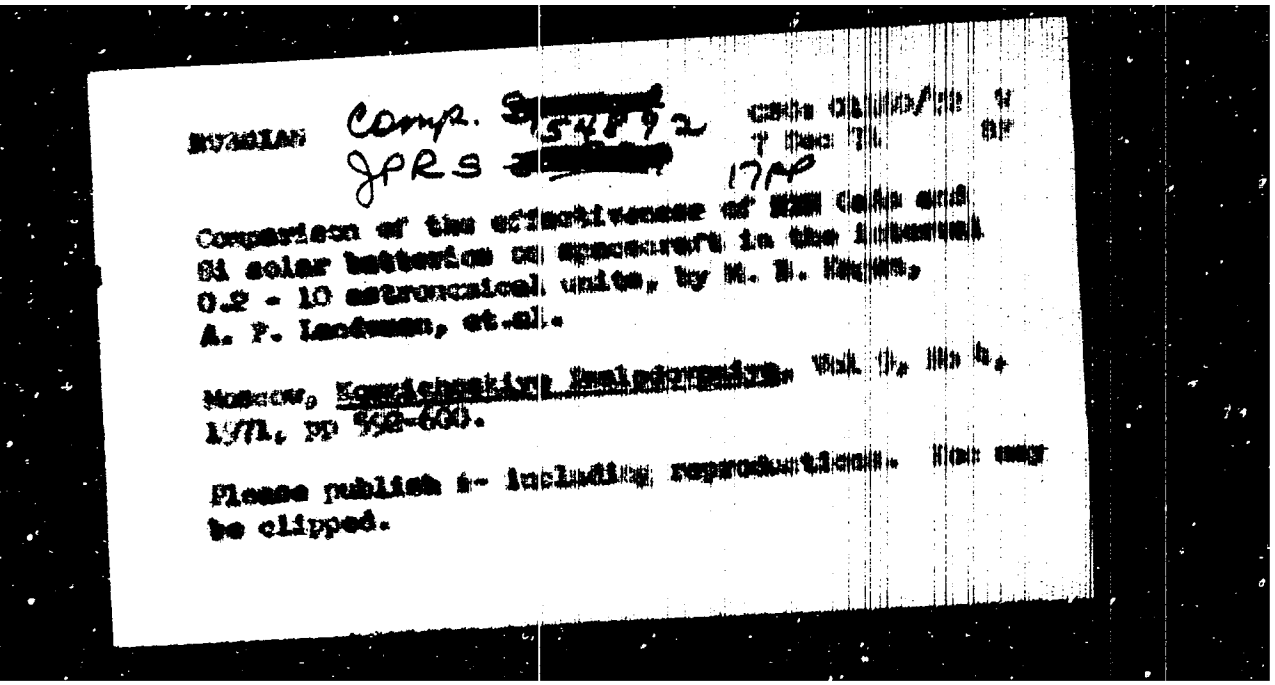

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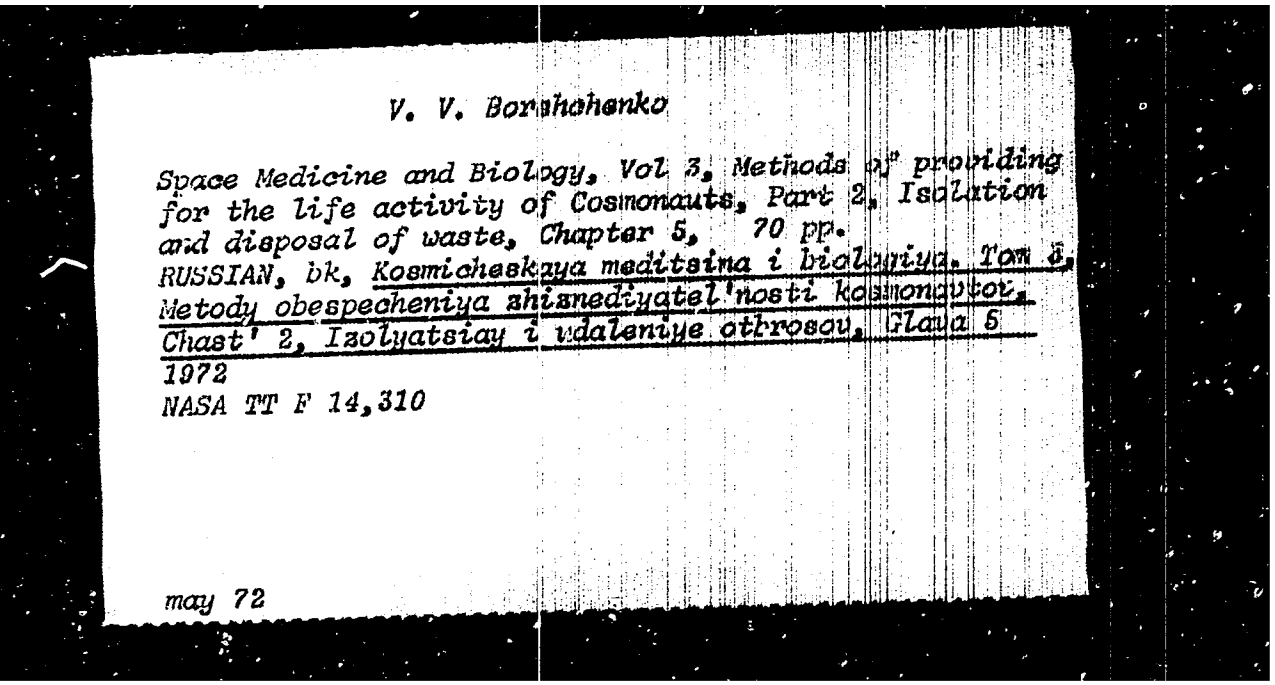

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